Unbundled Network Element (UNE)

Init	X						O	O
Init	X						O	O
Init	X						O	O
Init	X						O	O
Init	X						O	O
Init	X						O	O
Init	X						O	O
Init	X						O	O
Implementation Contact	X						R	O
Imp	X						R	O
Imp	X						R	O
Alternate Implementation Contact	X						O	O
Alt Imp	X						O	O
Alt Imp	X						O	O
Design Contact	X						O	O
Design Routing Code	X						O	O
DSG	X						O	O
DSG	X						O	O
DSG	X						O	O
DSG	X						O	O
DSG	X						O	O
DSG	X						O	O
DSG	X						O	O
Maintenance Contact	X						O	O
MTCE	X						O	O
Date and Time Received	X						O	O
End User Name		X					NA	R
End User		X					NA	R
End User Directionality		X					NA	O
End User		X					NA	R

Unbundled Network Element (UNE)

End User		X				NA	O
End User		X				NA	O
End User		X				NA	O
End User		X				NA	R
End User		X				NA	R
End User		X				NA	R
End User		X				NA	O
Local Contact		X				NA	O
Local Contact		X				NA	O
End User Moving Index		X				NA	O
Access Instructions		X				NA	O
Other Services At this location		X				NA	O
TN of other Services		X				NA	O
Omit Listing from White Pages DA and Street		X				NA	O
Inside Wiring Order		X				NA	O
Inside Wire Billing Account Number		X				NA	O
Inside Wire Contact		X				NA	O
Inside Wire		X				NA	O
Local Billing Account Number		X				NA	R
Final Bill Indicator		X				NA	O
Billing Name		X				NA	O
Secondary Billing Name		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O
Loc Bill		X				NA	O

Unbundled Network Element (UNE)

Loc Bill	X				NA	O
Loc Bill	X				NA	O
Loc Bill	X				NA	O
Loc Bill	X				NA	O
Element Being Ordered	X	X			R	R
Element Specific Attached Forms	X	X			O	O
Geographic Footprint End Office		X			C	NA
Geographic Footprint Rate Center		X			C	NA
Geographic Footprint LATA		X			C	NA
Geographic Footprint State		X			C	NA
Loop Circuit ID			X		NA	C
Exchange Company Circuit ID			X		NA	C
Connection Facility Assignment			X		NA	C
Loop Conditioning Requirements			X		NA	O
Jack Code			X		NA	O
Jack Number			X		NA	O
Jack Position			X		NA	O
Jack Status			X		NA	O
Interconnection System ID			X	X	NA	C
Interconnection Cable ID			X	X	NA	C
Interconnection Shelf			X	X	NA	C
Interconnection Slot			X	X	NA	C
Interconnection Channel/Pair			X	X	NA	C
Interim Number Portability TN			X		NA	O
INP Call Paths			X		NA	O
INP Call forwarding Number			X		NA	O
INP Route to Index			X		NA	O

AT&T

Unbundled Network Element (UNE)

INP Non RCF Trunk				X		NA	O
INP Toll Billing Exception				X		NA	O
Hunt Group Type					X	NA	O
Hunting					X	NA	O
Hunting					X	NA	O
Hunting					X	NA	O
Reference Number					X	NA	O
Hunting Activity					X	NA	O
Telephone Number					X	NA	O
Hunting					X	NA	O
TN ACTIVITY					X	NA	O
Line Termination					X	NA	C
Line Termination					,X	NA	C
Line Freeze PIC					X	NA	O
Line					X	NA	C
Line Freeze LPIC					X	NA	O
Line Local PIC					X	NA	C
Feature Activity					X	NA	O
Feature					X	O	O
Feature Detail					X	O	O
Call Forwarding PID					X	NA	O
Call Forwarding Busy					X	NA	O
Call Forward Don't Answer					X	NA	O

Unbundled Network Element (UNE)

Warm Transfer Number						X	NA	O
Call Forward Ring Cycle						X	NA	O
Disconnect TN						X	NA	O
Terminate Service						X	NA	O
Transfer Call Option						X	NA	O
Transfer Call to Number						X	NA	O
Transfer Calls Period						X	NA	O
Non Hunting Number Indicator						X	NA	O
Make Busy Arrangement						X	NA	O
Trunk Type (Analog/Digital)(2-wire/4-wire)						X	NA	C
Trunk Configuration						X	NA	C
Trunk Options						X	NA	C
Trunk Out Pulsing						X	NA	C
Trunk In Pulsing						X	NA	C
Trunk Inward Signaling						X	NA	O
Trunk Outward Signaling						X	NA	O
Service Options						X	NA	O
Call Forwarding Detail						X	NA	O
Call Forwarding Ringing Cycle						X	NA	O
Ring Generation						X	NA	O
Type of port on the terminating PBX						X	NA	R
Determination of Pickup priority on Two Way Trunks						X	NA	C
Trunk Telephone Number						X	NA	O
Number of Digits outpulsed						X	NA	O
DID TRUNK TOTALS						X	NA	O
Number Block Totals						X	NA	O

Unbundled Network Element (UNE)

	UNE-SPECIFIC						
20 Block Totals					X	NA	O
100 Block Totals					X	NA	O
DID number range					X	NA	O
Routing Technical Contact					X	C	NA
Routing					X	C	NA
Trunk Group Activity					X	C	NA
Trunk Group Type					X	C	NA
Trunk Group ID/Two Six Code					X	C	NA
Associated Purchase Order Number					X	C	NA
Directionality					X	C	NA
Automatic Number Identification					X	C	NA
Directory Assistance Access					X	C	NA
Trunk Group Hunt Sequence					X	C	NA
Test ANI Indicator					X	C	NA
Trunk Signaling					X	C	NA
800/900 Non-Conforming					X	C	NA
Operator Transfer					X	C	NA
Overlap Outpulsing					X	C	NA
Cut Through					X	C	NA
Other Service Access Code					X	C	NA
Up to Seven Digit Outpulsing Requirement					X	C	NA
Carrier Selection Parameter					X	C	NA
Calling Party Number					X	C	NA
Carrier Identification Code					X	C	NA
Carrier Classification					X	C	NA

R = Required   O = Optional C = Conditional

10.B.4.9 INFRASTRUCTURE PROVISIONING FOOTPRINT ORDER

This Guide describes the Infrastructure Provisioning Footprint order for Unbundled Network Elements. This form must always be associated with an ASR form.

The Infrastructure Provisioning/Footprint Form is used to designate the geographic area of coverage for those common usage Unbundled Network Elements to be to offer Local Telephone Service. The Geographic area of coverage can be designated by End Office, Rate Center, LATA, or State. The Common Usage Elements to be considered here are, Switching (End Office and Tandem), Interoffice Transport (Common and Dedicated), Signaling Systems and Data Bases, and Operations Systems.

The Infrastructure Provisioning form contains three sections: the Administrative section, the Geographic Footprint Section and the Common Element Section.

10.B.4.9.1 ADMINISTRATION SECTION

The Administrative section is as described in the End User Information (EUI) form.

10.B.4.9.2 GEOGRAPHIC FOOTPRINT SECTION

The Geographic Footprint section indicates, for common usage elements such as Common Transport, Tandem Switching, STP functionality, or Data Bases, what geographic area of coverage AT&T intends to serve customer utilizing this network configuration. This configuration can be designated by End Office, Rate Center, LATA or State. It should be noted at this point that AT&T may wish to serve the same geographic area with a variety of connectivity options utilizing different LEC elements. In a case such as this AT&T would send a separate order for each connectivity option. Example of connectivity options would include the Platform or Platform Minus, versus an Option with AT&T installed switching capacity. There is no implied limit to the number of End Offices, Rate Centers, LATAs, or States that could be included in an order, as necessary additional fields may be added to this form or transmitted over the electronic gateway to designate the full geographic footprint.

10.B.4.9.3 COMMON ELEMENT SECTION

The Common Element Section contains two fields which may be repeated as often as necessary: Element and Attached Form. These elements are ordered at this point so that this order in conjunction with the per customer order supply all elements that are necessary to offer local service. For the platform the common elements to be ordered are tandem switching, common transport, STP functionality, Data Bases, and Operator Systems. Since the platform is not expected to impact traffic flow or usage and no AT&T specified interconnection or reconfiguration is needed, no attached form would be needed. However, AT&T is requiring the ILEC to provide call detail information at the individual UNE customer level. Platform Minus requires the LEC to change their Routing tables to route AT&T OS and DA traffic to the AT&T platforms so Local Switching (routing) would need to be ordered on this form and a n ASR Translations Questionnaire form would need to be included. Additionally, dedicated transport and Local

Unbundled Network Element (UNE)

Switching (trunk termination) may need to be ordered to accommodate the additional traffic going to the AT&T OS and DA platforms. If this is the case , the Dedicated Transport forms would need to be added. At present AT&T will order the additional traffic to the AT&T OSPS via the existing Access processes. Traffic forecast information could be added either here or simply used for sizing the transport and trunk terminations ordered.

AT&T

Unbundled Network Element (UNE)

Admin Section:

CCNA |_|_|_| PON |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| VER|_|_| UNSR NO |_|_|_|_|_|_|_|_|_|_|_|_| RECTYP|_|_| ACT|_| QTY|_|_|_| PG__of__

Geographic Footprint Section (Designate by End Office, Rate Center, LATA, or State):

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

END OFFICE CLLI:|_|_|_|_|_|_|_|_|_|_|_|_|_| Rate Center |_|_|_|_|_|_|_|_|_|_|_|_|_| LATA |_|_|_|_|_|_|_|_|_|_|_|_|_| STATE |_|_|

Common Element Section:

SWITCHING	Y/N |_| ATTACHED FORM |_|
INTEROFFICE TRANSPORT	Y/N |_| ATTACHED FORM |_|
SIGNALING AND DATABASES	Y/N |_| ATTACHED FORM |_|
OPERATOR SERVICES AND DA	Y/N |_| ATTACHED FORM |_|
OPERATIONS SYSTEMS	Y/N |_| ATTACHED FORM |_|

Unbundled Network Element (UNE)

10.B.4.10   DEFINITIONS OF CHANGED/ADDED FIELDS

10.B.4.11   GENERAL

This Guide describes the Infrastructure Provisioning Footprint order for Unbundled Network Elements. This form must always be associated with an ASR form.

The Infrastructure Provisioning/Footprint Form is used to designate the geographic area of coverage for those common usage Unbundled Network Elements to be to offer Local Telephone Service. The Geographic area of coverage can be designated by End Office, Rate Center, LATA, or State. The Common Usage Elements to be considered here are, Switching (End Office and Tandem), Interoffice Transport (Common and Dedicated), Signaling Systems and Data Bases, and Operations Systems.

Unbundled Network Element (UNE)

10.B.4.11.1 CCNA - CUSTOMER CARRIER NAME ABBREVIATION

Identifies the COMMON LANGUAGE IAC CODE for the customer submitting the LSR and receiving the confirmation.

NOTE 1: The CCNA entry must be identical to the CCNA field entry on the LSR.

USAGE: This field is required.

N	C	D	M	T	R	V
R	R	R	R	R	R	R

DC: 3 alpha

EXAMPLE: | M | F| S |

Unbundled Network Element (UNE)

10.B.4.11.2 PON - PURCHASE ORDER NUMBER

Identifies the customer's unique purchase-order requisition number that authorizes
the issuance of this request or supplement.

NOTE 1: The PON entry must be identical to the PON field entry on the LSR.

USAGE: This field is required.

N	C	D	M	T	R	V
R	R	R	R	R	R	R

DC: 16 Alpha/numeric

EXAMPLE: | 8 | 2 | 4 | Z | 9 | | | | | | | | | | | |

Version 1.0

Unbundled Network Element (UNE)

10.B.4.11.3 VER - VERSION IDENTIFICATION

Identifies the customer's version number.

NOTE 1: Any reissuance can use this entry to uniquely identify the form from any
other version.
NOTE 2. The VER entry must be identical to the VER field entry on the LSR.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

DATA CHARACTERISTICS : 2 alpha/numeric

EXAMPLE: |A| |

Unbundled Network Element (UNE)

10.B.4.11.4 ASR NO - LOCAL SERVICE REQUEST NUMBER

Identifies the number that may be generated by the provider's mechanized systems,
pre-assigned to the customer by the provider, or manually assigned by the provider to
identify a customer's request for service.

USAGE : This field is conditional

N	C	D	M	T	R	V
C	C	C	C	C	C	C

NOTE 1:   Required on all supplements when the CCNA=CUS

NOTE 2: Other wise optional

DATA CHARACTERISTICS: 18 alpha/numeric
     EXAMPLE: | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 |

Unbundled Network Element (UNE)

10.B.4.11.5 END OFFICE CLLI

- Common Language Location Identifier of the Serving End Office Switch

   Identifies the CLLI of the End Office or Offices which define the Geographic Footprint

NOTE : This message can be repeated as often as necessary to specify the geographic foot print.

USAGE : This field is conditional

N	C	D	M	T	R	V
C	C	C	C	C	C	C

DATA CHARACTERISTICS: 11 alpha/numeric
EXAMPLE: | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

10.B.4.11.6 RATE CENTER -

Rate Centers in the Geographic Footprint

    Identifies the Rate Center or Centers which define the Geographic Footprint

NOTE : This message can be repeated as often as necessary to specify the geographic foot print.

USAGE : This field is conditional

N	C	D	M	T	R	V
C	C	C	C	C	C	C

DATA CHARACTERISTICS: 11 alpha/numeric
EXAMPLE: | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

Unbundled Network Element (UNE)

10.B.4.11.7 LATA

LATA of the Geographic Footprint

   Identifies the LATA or LATAs which define the Geographic Footprint

NOTE : This message can be repeated as often as necessary to specify the geographic foot print.

USAGE : This field is conditional

N	C	D	M	T	R	V
C	C	C	C	C	C	C

DATA CHARACTERISTICS: 3 numeric
EXAMPLE: |3|1|2|

Unbundled Network Element (UNE)

10.B.4.11.8 STATE

- States in the Geographic Footprint

   Identifies the State or States which define the Geographic Footprint

NOTE : This message can be repeated as often as necessary to specify the geographic foot print.

USAGE : This field is conditional

N	C	D	M	T	R	V
C	C	C	C	C	C	C

DATA CHARACTERISTICS: 2 alpha
EXAMPLE: | N | E |

Unbundled Network Element (UNE)

10.B.4.11.9 SWITCHING / ATTACHED FORM -

Unbundled Local Switching and attached Form

Identifies whether this footprint will be served with an unbundled local switch and if an ASR Local
Switching form (TQ, EOD) is attached

   NOTE 1: This field is only filled out when a footprint is to be served with an unbundled switch.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

DC: 1/1 alpha

EXAMPLE: LOCAL SWITCH ⌊Y⌋ ATTACHED FORM | Y |

Unbundled Network Element (UNE)

10.B.4.11.10 INTEROFFICE TRANSPORT / ATTACHED FORM

-Unbundled Interoffice and attached Forms

Identifies whether this footprint will be served with unbundled interoffice transport and if an ASR Interoffice Transport form (FG-B-C-D, EOD) is attached

   NOTE 1: This field is only filled out when a footprint is to be served with unbundled Interoffice Transport.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

  DC: 1/1 alpha

  EXAMPLE: Interoffice Transport | Y | ATTACHED FORM | Y |

Unbundled Network Element (UNE)

10.B.4.11.11 SIGNALING AND DATABASES / ATTACHED FORM

-Unbundled Signaling and Databases and attached Forms

Identifies whether this footprint will be served with unbundled Signaling and Databases and if an ASR Signaling and Database form/forms (FG-B-C-D, Data Base Interconnection) are attached

> **NOTE 1:** This field is only filled out when a footprint is to be served with unbundled signaling or databases.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

DC: 1/1 alpha

EXAMPLE: SIGNALING AND DATABASES | Y | ATTACHED FORM | Y |

10.B.4.11.12 OPERATOR SERVICES AND DA / ATTACHED FORM

-Unbundled Operator Services and DA and attached Form

Identifies whether this footprint will be served with unbundled Operator Services and Directory Assistance and if a form attached

   NOTE 1: This field is only filled out when a footprint is to be served with unbundled Operator Services and DA.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

   DC: 1/1 alpha

   EXAMPLE: OPERATOR SERVICES AND DA ⌊Y⌋ ATTACHED FORM |Y|

Unbundled Network Element (UNE)

10.B.4.11.13 OPERATIONS SYSTEMS / ATTACHED FORM

-Unbundled Operations Systems and attached Form

Identifies whether this footprint will be served with unbundled Operations Systems and if a form is attached

NOTE 1: This field is only filled out when a footprint is to be served with unbundled Operations Systems.

USAGE: This field is optional.

N	C	D	M	T	R	V
O	O	O	O	O	O	O

DC: 1/1 alpha

EXAMPLE: OPERATIONS SYSTEMS | Y | ATTACHED FORM | Y |

SECTION 11: Electronic Data Interchange Mapping

TSR and UNE

In the absence of an industry guideline from the Telecommunication Industry Forum, the following is AT&T's suggested Electronic Data Interchange (EDI) mapping for Total Services Resale (TSR) and Unbundled Network Elements (UNE) as it applies to Platform and Platform Minus OS/DA.

850 Purchase Order

This standard provides the format and establishes the data contents of the Purchase Order. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services.

Segment ID	Segment Name	REQ DES	Maximum Use

INTERCHANGE CONTROL HEADER

Segment ID	Segment Name	REQ DES	Maximum Use
ISA	TRANSMISSION CONTROL HEADER	MAND	1
GS	FUNCTIONAL GROUP HEADER	MAND	1

HEADER

Segment ID	Segment Name	REQ DES	Maximum Use
ST	TRANSACTION SET HEADER	MAND	1/TRANSACTION SET
BEG	BEGINNING SEGMENT FOR INVOICE	MAND	1
REF	REFERENCE NUMBERS	OPTL	12
PER	ADMIN COMMUNICATIONS CONTACT	OPTL	3
SAC	SERVICE, PROMOTION,ALLOWANCE, OR CHANGE INFORMATION	OPTL	25
INC	INSTALLMENT INFORMATION	OPTL	1
DTM	DATE/TIME REFERENCE	OPTL	10
SI	SERVICE CHARACTERISTIC IDENTIFICATION	OPTL	2
PID	PRODUCT/ITEM DESCRIPTION	OPTL	200
TX1	TAX INFORMATION	OPTL	>1
N1	NAME	OPTL	1/200 LOOP REPEAT
N2	ADDITIONAL NAME INFORMATION	OPTL	1
N3	ADDRESS INFORMATION	OPTL	2
N4	GEOGRAPHIC LOCATION	OPTL	1
NX2	REAL ESTATE PROPERTY ID COMPONENT	OPTL	1
PER	ADMISISTRATIVE COMMUNICATIONS CONTACT	OPTL	3